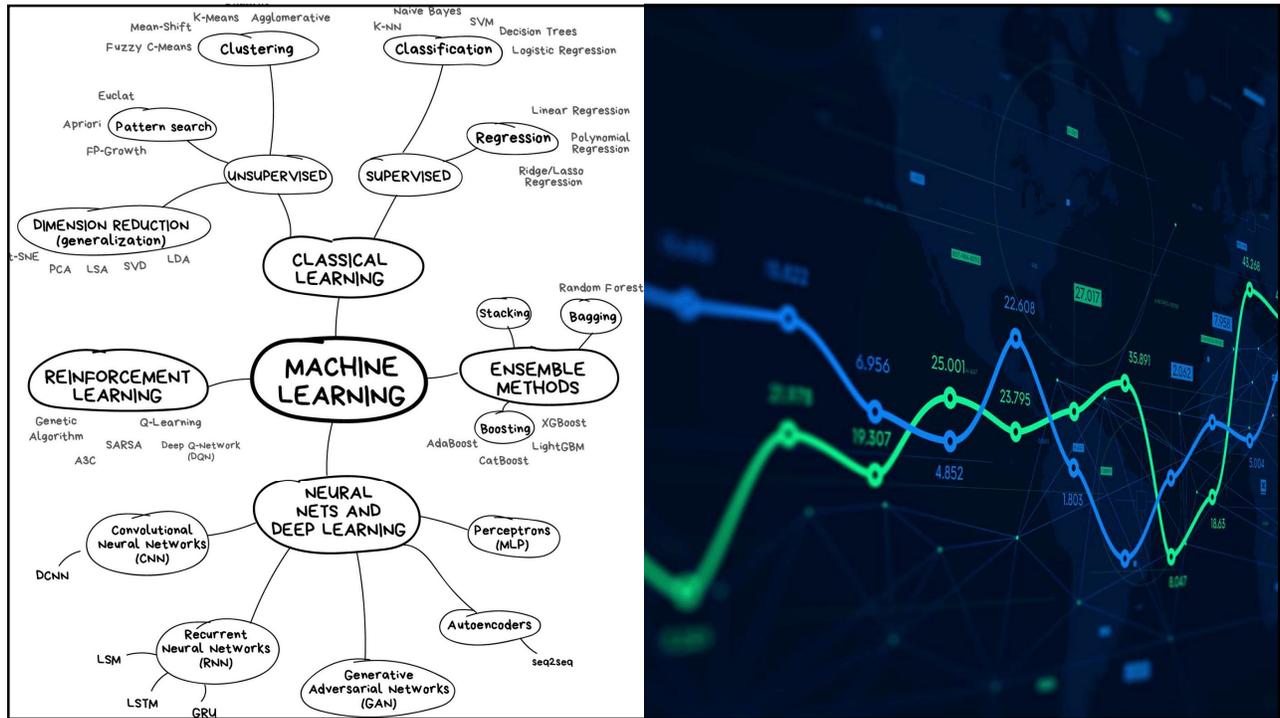




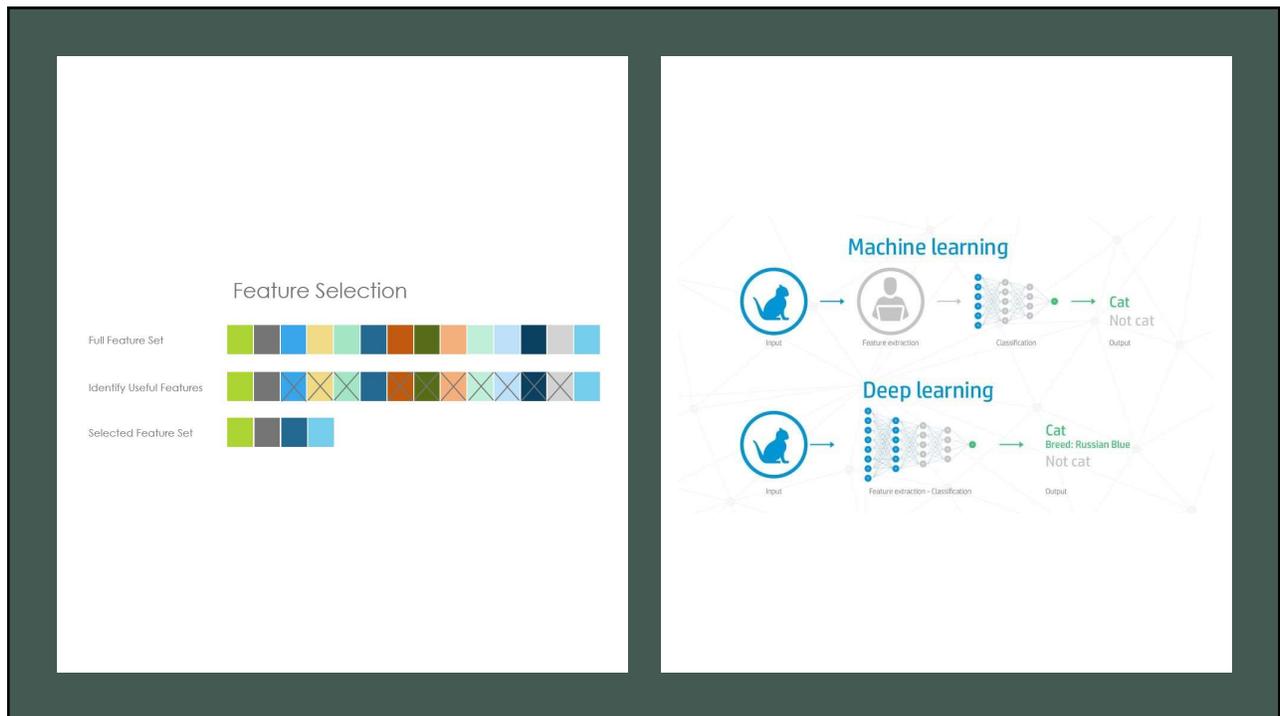
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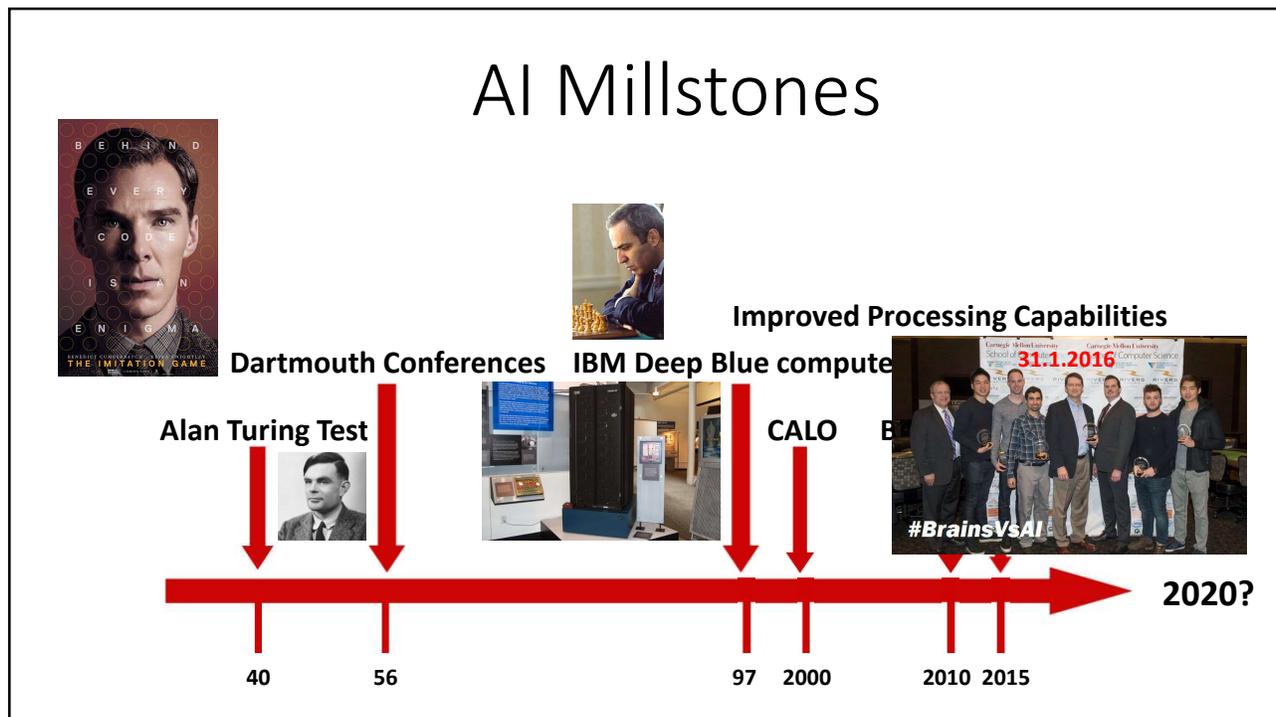
2



5



6



7

- US – Preparing for the Future (2016)
- UK – AI in the UK Report (2018)
- EU Civil Laws on Robotics / White Paper (2020)
- Canada, Germany, Japan, China, Israel & more

8



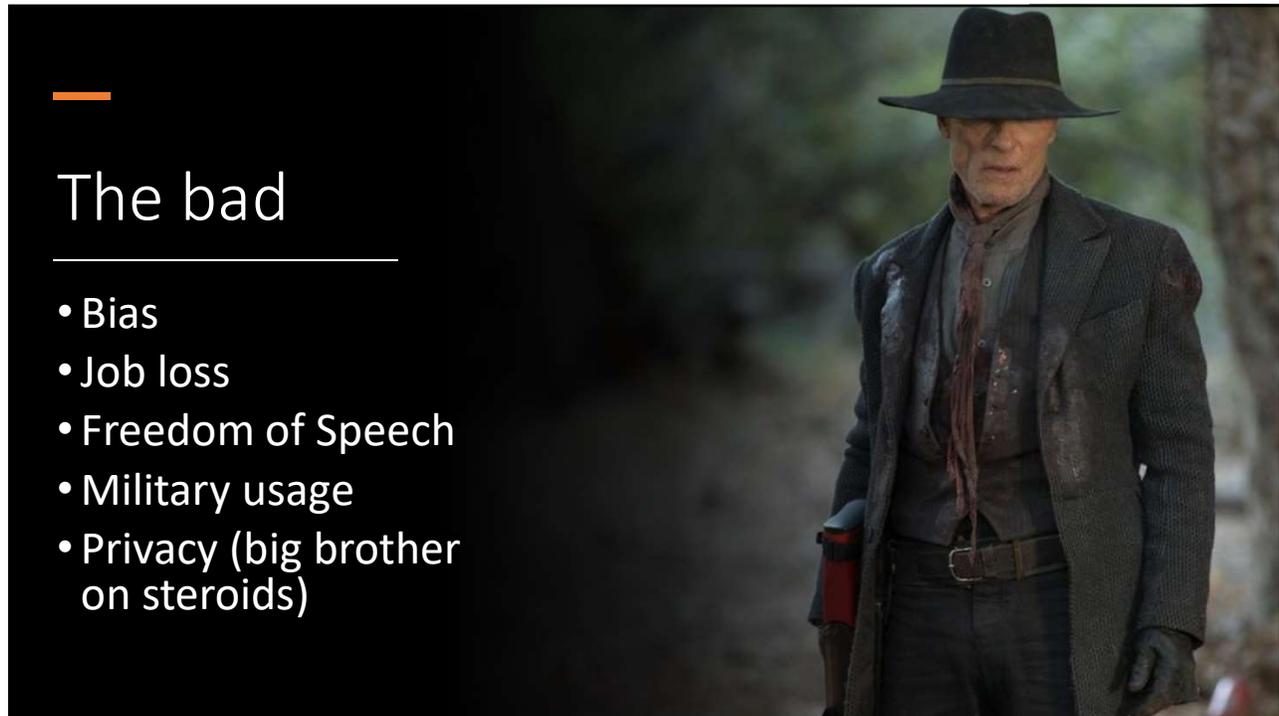
11



The Good

- Healthcare
- Transportation
- Agriculture
- Security
- Collapse Barriers

12

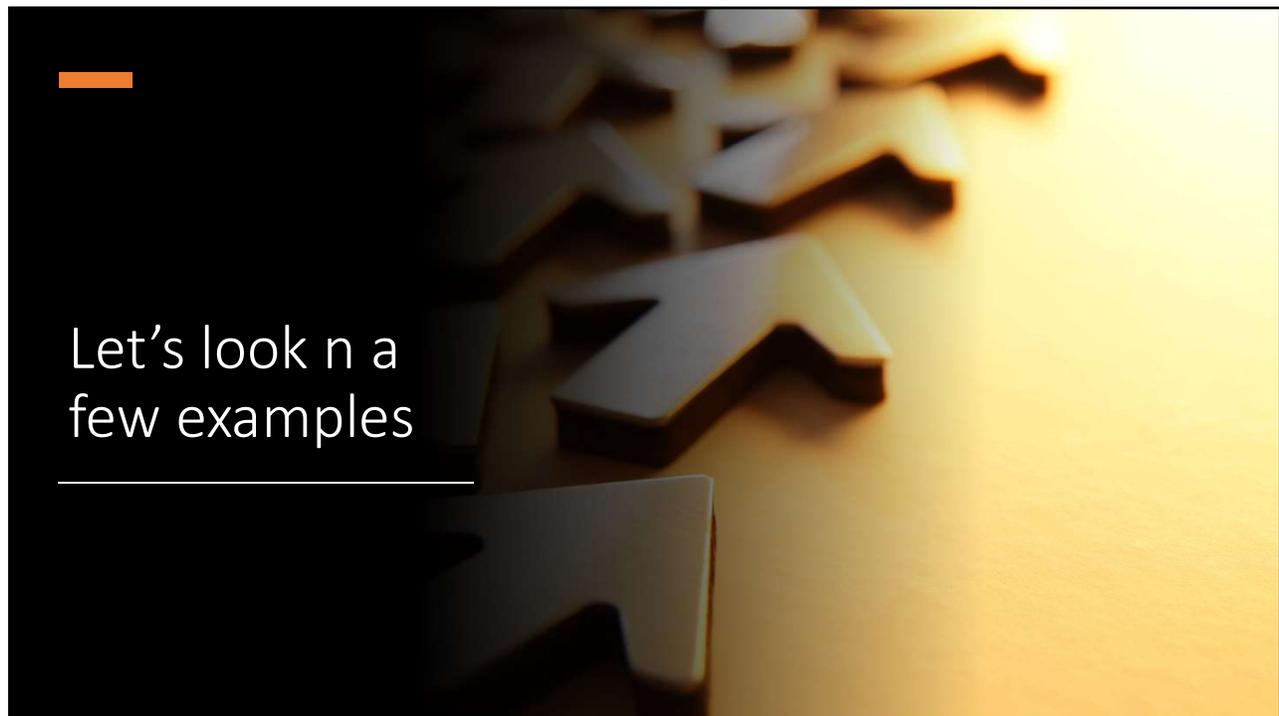


—

The bad

- Bias
- Job loss
- Freedom of Speech
- Military usage
- Privacy (big brother on steroids)

13



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Let's look n a few examples

14



15



16

IN TWO MOVES, ALPHAGO AND LEE SEDOL REDEFINED THE FUTURE



“With the 37th move ...AlphaGo landed a surprise ...that flummoxed even the world's best Go players..."That's a very strange move," ..."I thought it was a mistake..." (WIRED, 3.2016)

17

Second –
Privacy is a
big issue



Netflix US
@netflix

Follow

To the 53 people who've watched A Christmas Prince every day for the past 18 days: Who hurt you?

9:52 PM - 10 Dec 2017

102,579 Retweets 403,056 Likes



7.2K 103K 403K

18

'I was shocked it was so easy': meet the professor who says facial recognition can tell if you're gay




▲ Michal Kosinski: 'I don't believe in free will.' Photograph: Jason Henry/The Guardian
Psychologist Michal Kosinski says artificial intelligence can detect your sexuality and politics just by looking at your face. What if he's right?

19

“Any processing of personal data in the context of the activities of an establishment of a controller or a processor in the Union should be carried out in accordance with this Regulation, regardless of whether the processing itself takes place within the Union.”

General
Data
Protection
Regulation



20

Third: AI is "infested" with Biases



21

Correctional Offender Management Profiling for Alternative Sanctions (COMPAS)

<p>VERNON PRATER</p> <p>Prior Offenses 2 armed robberies, 1 attempted armed robbery</p> <p>Subsequent Offenses 1 grand theft</p> <p>LOW RISK 3</p>	<p>BRISHA BORDEN</p> <p>Prior Offenses 4 juvenile misdemeanors</p> <p>Subsequent Offenses None</p> <p>HIGH RISK 8</p>	<p>JAMES RIVELLI</p> <p>LOW RISK 3</p>	<p>ROBERT CANNON</p> <p>MEDIUM RISK 6</p>
<p>DYLAN FUGETT</p> <p>LOW RISK 3</p>	<p>BERNARD PARKER</p> <p>HIGH RISK 10</p>	<p>JAMES RIVELLI</p> <p>Prior Offenses 1 domestic violence, aggravated assault, 1 grand theft, 1 petty theft, 1 drug trafficking</p> <p>Subsequent Offenses 1 grand theft</p> <p>LOW RISK 3</p>	<p>ROBERT CANNON</p> <p>Prior Offense 1 petty theft</p> <p>Subsequent Offenses None</p> <p>MEDIUM RISK 6</p>

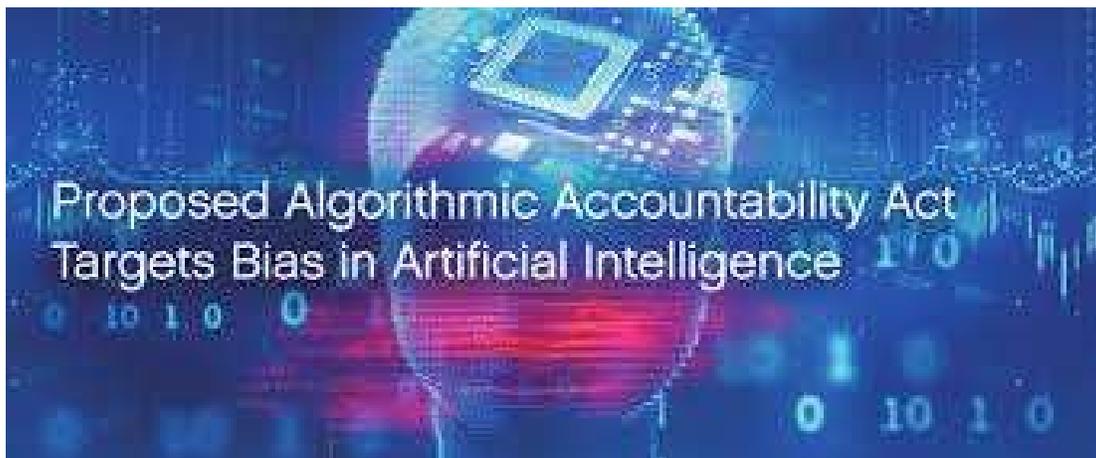
22

“If black defendants are arrested at a higher rate than white defendants in the real world, they will have a higher rate of predicted arrest as well.”
(MIT Review, 17.10.19)

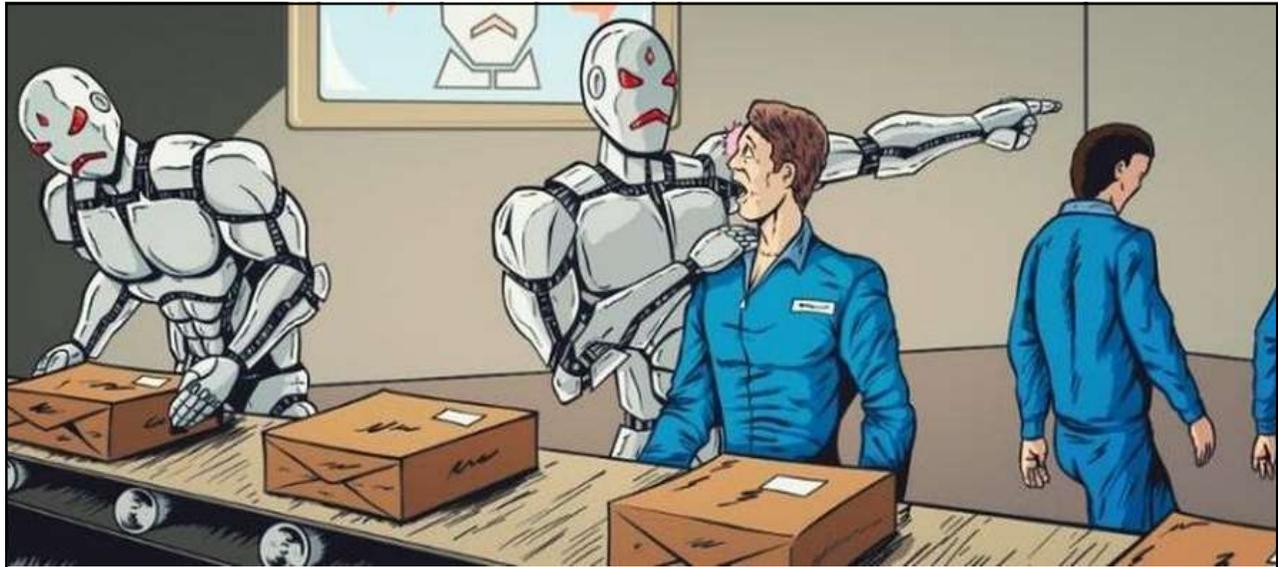


23

Keep the final decision to Humans!

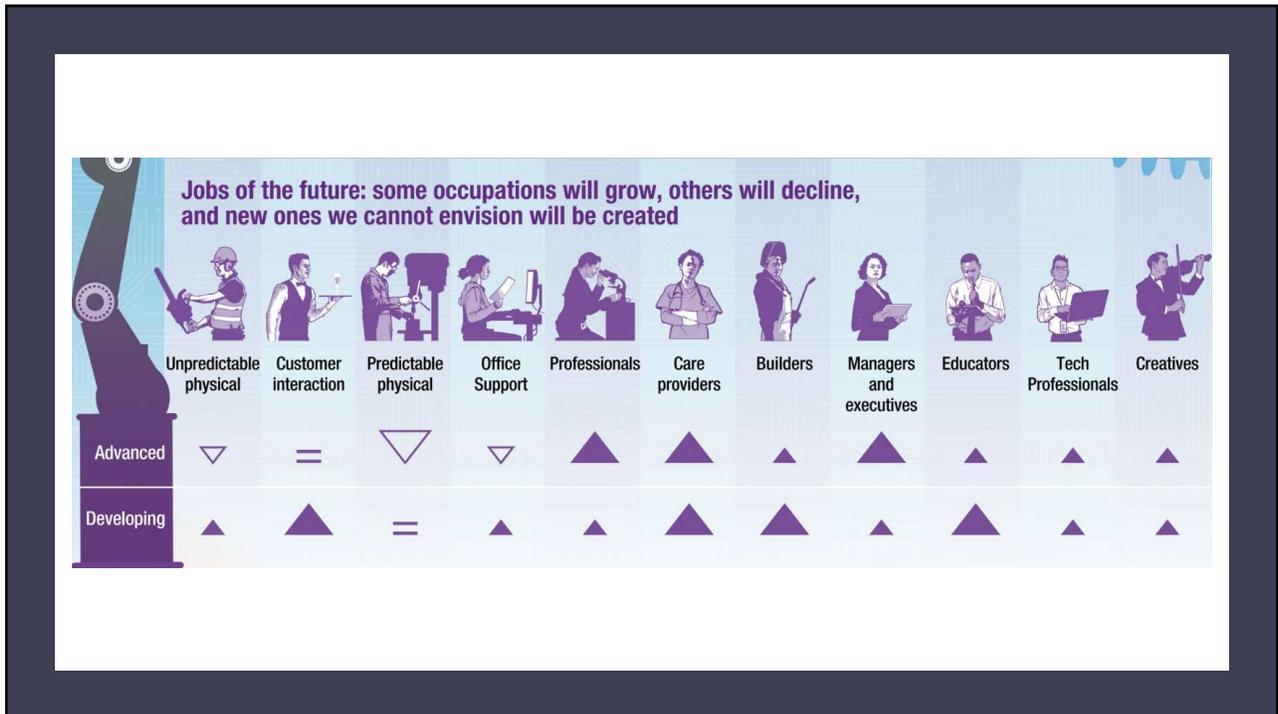


24



Fourth – Job Loss

25



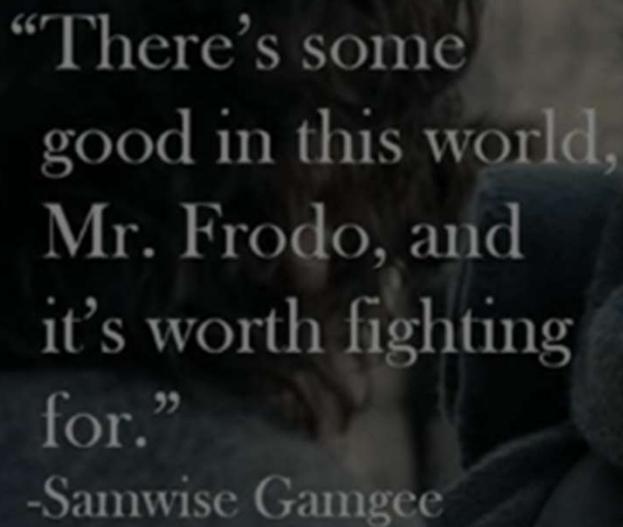
26

The impact of technology on jobs in the UK

- While technology has potentially contributed to the loss of approximately 800,000 lower-skilled jobs, there is equally strong evidence to suggest that it has helped to create nearly 3.5 million new higher-skilled ones in their place.
- Each one of these new jobs pays, on average, £10,000 more per annum than the one lost. Crucially, every nation and region of the UK has benefitted, and we estimate that this technology-driven change has added £140 billion to the UK's economy in new wages.

The Deloitte logo is displayed in white text on a dark green background. The word "Deloitte" is in a bold, sans-serif font, with a small green dot at the end of the word.

27

A quote from Samwise Gamgee in a dark, moody setting. The text is overlaid on a background image of a character with curly hair, looking slightly to the side.

“There’s some good in this world, Mr. Frodo, and it’s worth fighting for.”
-Samwise Gamgee

It’s not all bad

28

Access to Justice



29

How to create
the right
balance?



30

The Prime Directive – AI For ALL!

- We should put in place
 - legal mechanisms
 - Exceptions
 - and incentives

31

First: Legal Harbors

- Creating legal safe harbors for entities that employ *just* processing systems and subject algorithms, predictions and decision-making processes for ongoing scrutiny
- This suggestion, employed in copyright and privacy laws, provides much-needed certainty in the post-GDPR environment
- Fair use model for AI developers in certain areas and fields (disability for example)

32

Second: IP Law Mechanism

- Creating IP/data protection mechanisms to ensure interoperability of data and fair licensing;
- This category utilizes traditional IP ownership incentives while acknowledging key exceptions for access and compatibility

33



Third: CSR Standard

- Corporate Social Responsibility (CSR)
- Proliferate data sharing of nonidentifiable information for social purposes
- If you score high > gain access to government data
- AI ISO 9002

34